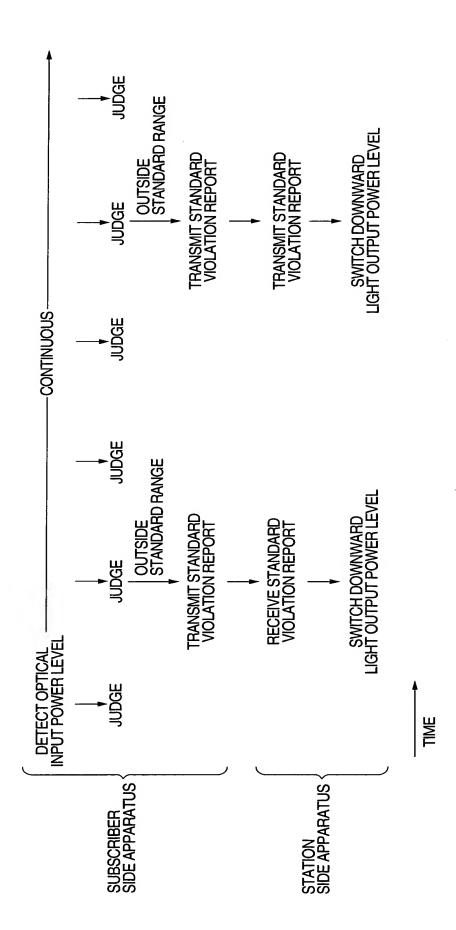
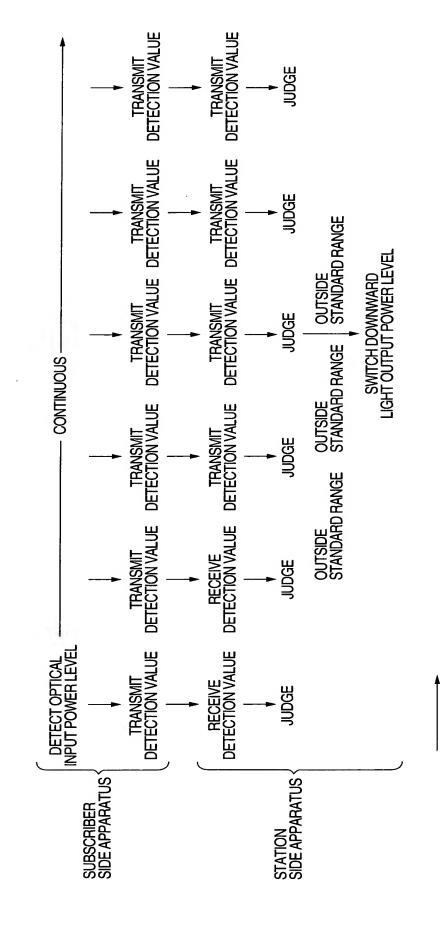


TIME TIME

FIG.2



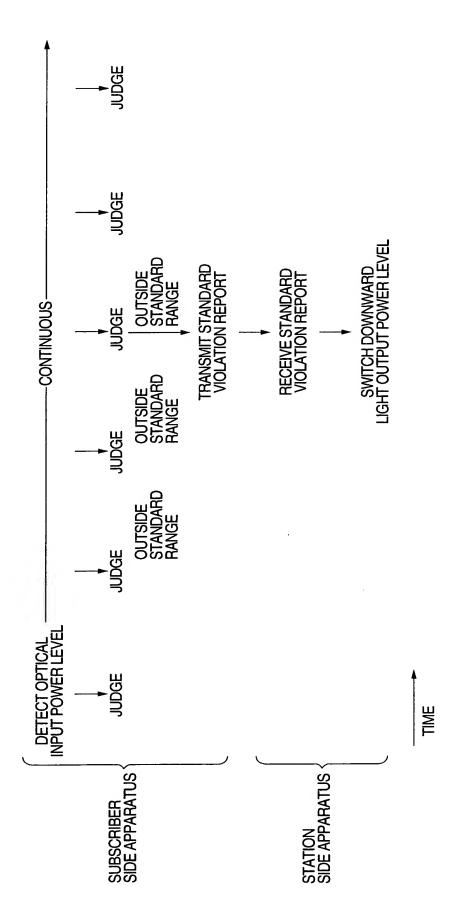


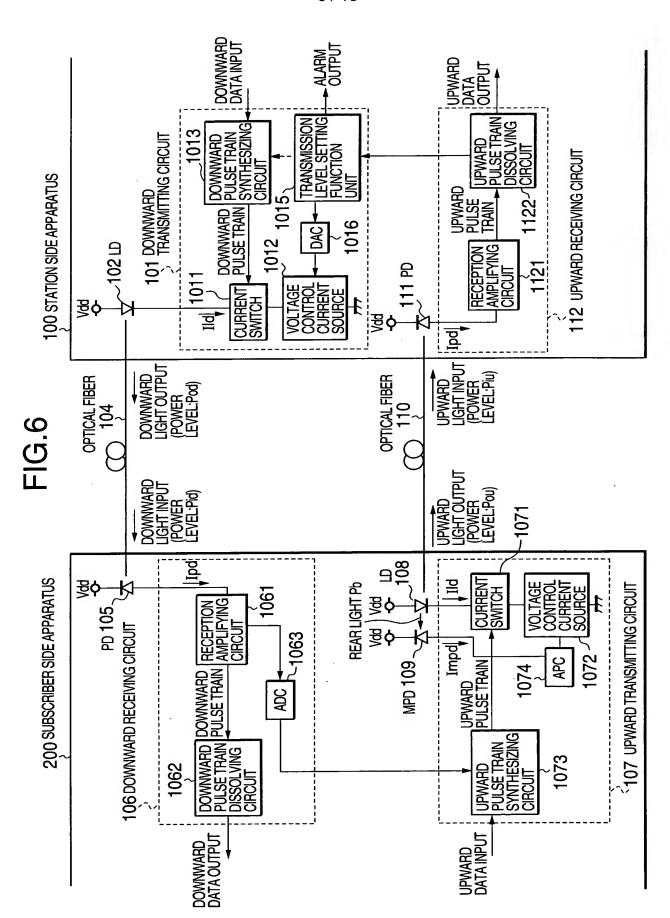


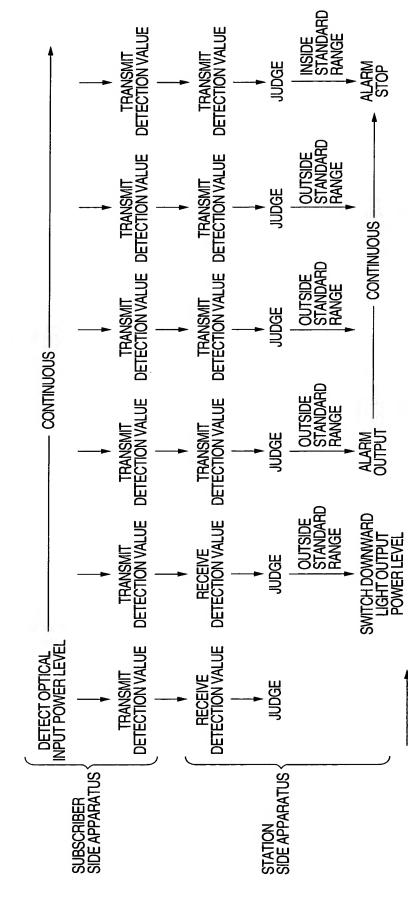
TIME

<u>.</u>



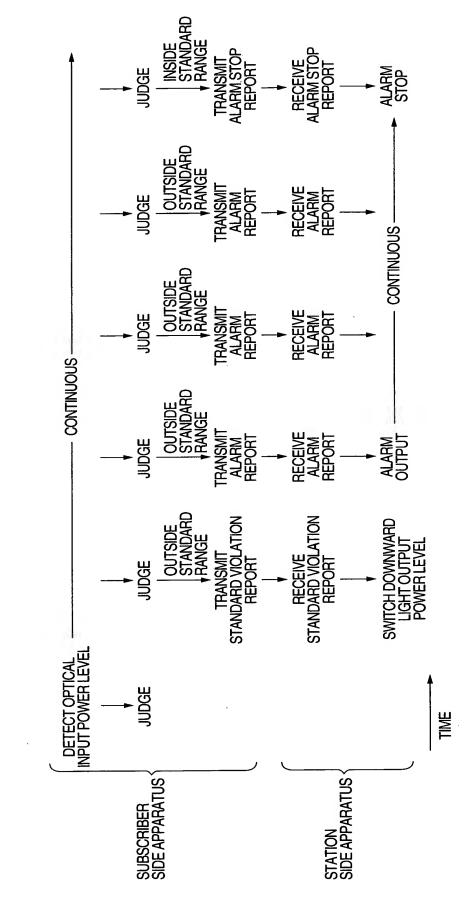






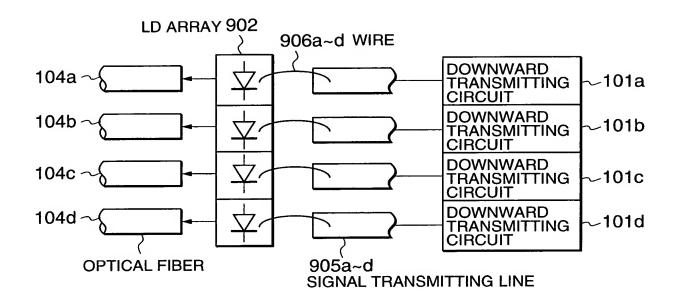
TIME

. Б



<u>ت</u>

FIG.9



UPWARD DATA OUTPUT DOWNWARD DATA INPUT 100 STATION SIDE APPARATUS 111 PD DOWNWARD TRANSMITTING CIRCUIT UPWARD RECEIVING CIRCUIT COUPLER Vdd 112 ₽¢ 101 ≑0.5×Piu ≑2×Pod DOWNWARD LIGHT OUTPUT UPWARD LIGHT INPUT Piu 1004 OPTICAL FIBER UPWARD LIGHT OUTPUT Pou DOWNWARD LIGHT INPUT Pid /1022 3dB COUPLER 200 SUBSCRIBER SIDE APPARATUS ÷0.5×Pid ≑2×Pod DOWNWARD RECEIVING CIRCUIT 98 UPWARD TRANSMITTING CIRCUIT REAR LIGHT Pb ₽φ ₽¢ 107 PD 105 **₽**¢ 106 MPD 109 -UPWARD DATA INPUT DOWNWARD DATA OUTPUT

FIG 10

UPWARD DATA OUTPUT DOWNWARD DATA INPUT 100 STATION SIDE APPARATUS .111 PD UPWARD RECEIVING CIRCUIT DOWNWARD TRANSMITTING CIRCUIT V1113 WDM COUPLER ⋛ф ₽od ÷Pë DOWNWARD LIGHT OUTPUT UPWARD LIGHT INPUT Piu 1104 OPTICAL FIBER FIG.11 UPWARD LIGHT OUTPUT DOWNWARD LIGHT INPUT Pid WDIM 200 SUBSCRIBER SIDE APPARATUS DOWNWARD RECEIVING CIRCUIT . Pod UPWARD TRANSMITTING CIRCUIT ÷Pid <u>9</u> **REAR LIGHT Pb** ₽¢ ⋛φ 107 PD 105 106 ĕ þ MPD 109 -UPWARD DATA INPUT DOWNWARD DATA OUTPUT

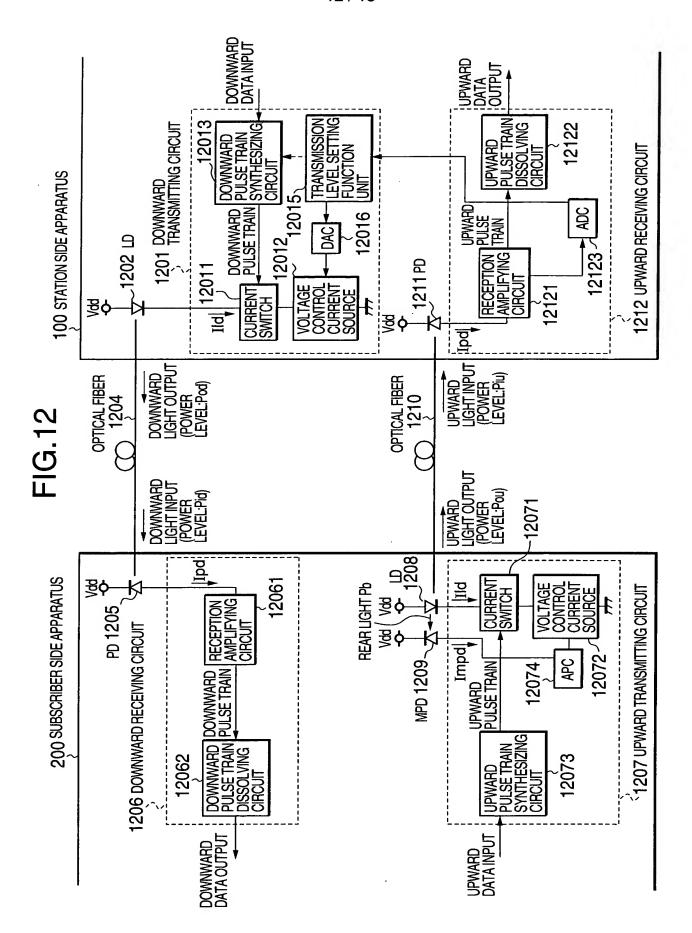
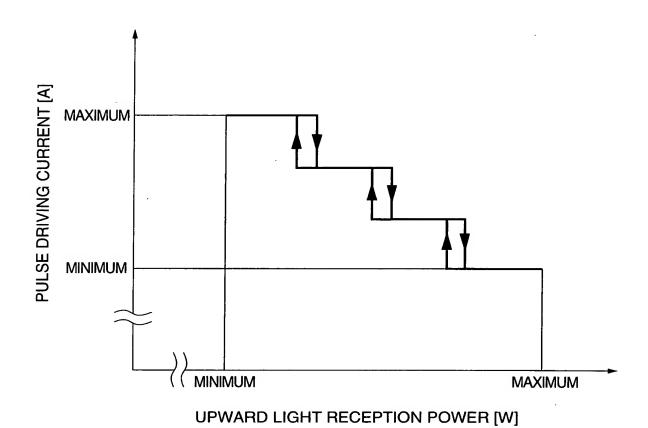


FIG.13



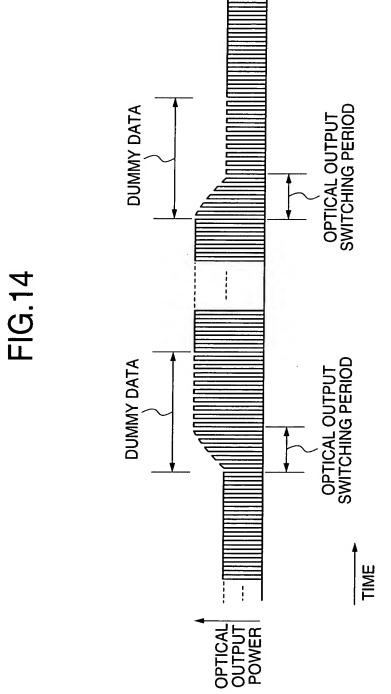
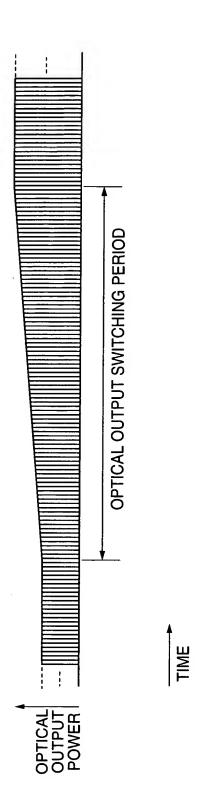
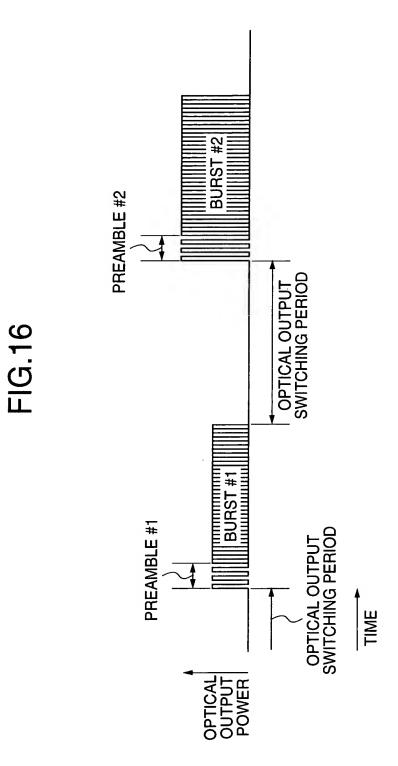


FIG.15





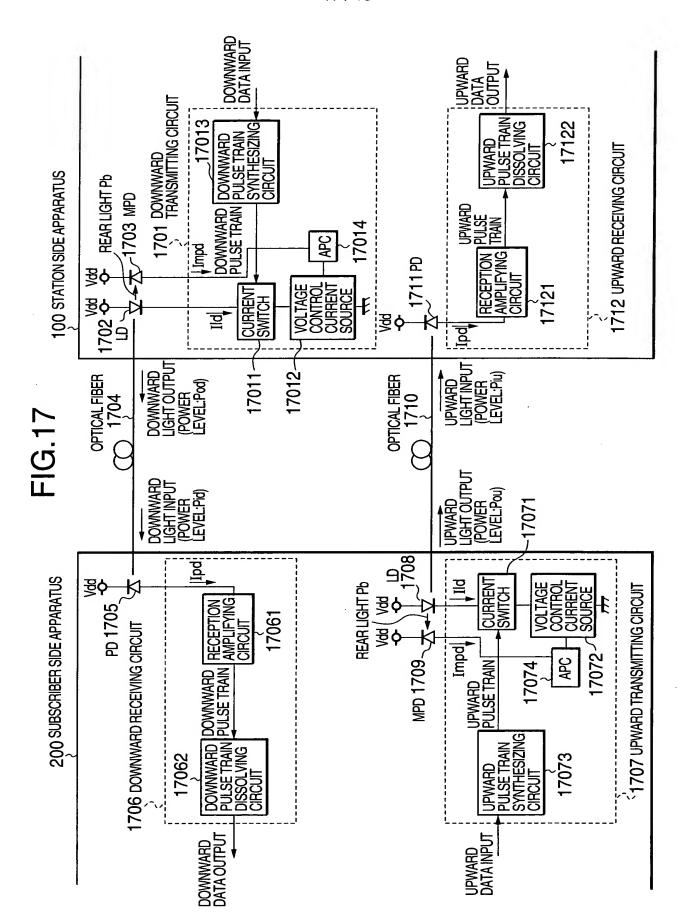


FIG. 18

